

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

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IN THE MATTER OF:

**General Motors – Fort Wayne Assembly Plant
12200 Lafayette Center Road
Roanoke, IN 46783**

ATTENTION:

**Matthew Arbuckle
Senior Environmental Engineer**

Request to Provide Information Pursuant to the Clean Air Act

The U.S. Environmental Protection Agency is requiring General Motors (GM or you) to submit certain information about its facility at 12200 Lafayette Center Road, Roanoke, Indiana 46783. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us according to the schedule in Appendix B.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

GM owns and operates an emission source at the Roanoke, Indiana facility. We are requesting this information to determine whether your emission source is complying with the Clean Air Act.

GM must send all required information to:

Attn: Compliance Tracker, AE-18J₀
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency
Region 5
77 W. Jackson Boulevard
Chicago, Illinois 60604

GM must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B, for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment. Appendix C provides additional information regarding the meaning and scope of the term "emissions data."


This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject GM to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Marie St. Peter or Virginia Galinsky who may be reached at (312) 886-4746 and (312) 353-2089, respectively.

12/22/17
Date


Edward Nam
Director
Air and Radiation Division

Appendix A

When providing the information requested in Appendix B, use the following instructions and definitions.

Instructions

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

Electronic Submissions

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

Definitions

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*

1. The terms "document" and "documents" shall mean any object that records, stores, or presents information, and includes writings, memoranda, records, or information of any kind, formal or informal, whether wholly or partially handwritten or typed, whether in computer format, memory, or storage device, or in hardcopy, including any form or format of these. If in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support. All documents in hard copy should also include attachments to or enclosures with any documents.
2. The term "relate to" (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating or relevant to.
3. The term "capital appropriation request" shall mean any document used by plant personnel in seeking management approval for planned expenditures at the Facility. These documents are also known as authorizations for expenditure, capital requests or other, similar names.
4. The term "final assembly line" shall mean those operations which occur at the Facility involving assembly of materials (e.g. tires, fluid tanks, etc.) onto the vehicle after going through the paint shop.

Appendix B

Information You Are Required to Submit to EPA

General Motors must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a), for its facility located in Roanoke, Indiana (the Facility) in accordance with the schedule specified in paragraph 1, below:

1. Provide responses to Items 2 – 6 within 30 days of Receipt of this Request. Provide responses to Items 7 – 12 within 60 days of Receipt of this Request. Provide responses to Items 13 – 19 within 90 days of Receipt of this Request.
2. Provide the date construction commenced and the date construction was completed, or is projected to be completed, for each of the following projects:
 - a. The new phosphate line;
 - b. The existing phosphate line;
 - c. The new ELPO line;
 - d. The existing ELPO line;
 - e. The replacement of the robots in the primer spray booth(s); and,
 - f. The replacement of the robots in the topcoat spray booth(s).
3. Provide dated copies of all analyses conducted since January 1, 2010, relating to whether any projects conducted on the affected source, as that term is defined at 40 C.F.R. § 63.3082 met the definition of “reconstruction” under 40 C.F.R. § 63.2.
4. If not provided as part of the response to Item 2, provide General Motor’s best estimate of the fixed capital cost to construct a comparable new “affected source,” as that term is defined at 40 C.F.R. § 63.3082. The cost estimate should reflect installation of a new source that is the same design and size as the source described in response to Item 2 of this request. The estimate should break out the cost estimate into at least the following areas, to the extent that they are included in the estimate: the costs of engineering, purchase, and installation of major process equipment, contractors’ fees, instrumentation, auxiliary facilities, buildings, structures, air pollution control equipment, demolition, site preparation and contingency costs.
5. For each emission unit at the facility, provide the monthly VOC emissions from January 1, 2005 to the present. Provide example calculations demonstrating how the emissions were calculated.
6. Provide a spreadsheet, in Microsoft Excel or compatible format, that includes the following since January 1, 2005:
 - a. the number of jobs produced per month at the facility;
 - b. the production hours of the final assembly line for each month;
 - c. amount of material and coating usage (gallons) in emission unit (EU) 006 – ELPO Dipping System for each month;

- d. the production hours of the EU 006 – ELPO Dipping System for each month;
 - e. amount of coating usage (gallons) in the EU 010 – Primer Surfacer System for each month;
 - f. the production hours of the EU 010 – Primer Surfacer System for each month;
 - g. amount of coating usage (gallons) in the EU 008 – Topcoat System for each month;
 - h. the production hours of the EU 008 – Topcoat System for each month; and
 - i. amount of solvent usage (gallons) in the EU 009 – Miscellaneous Sealers/Adhesives/Additives/Solvents for each month.
7. For each VOC emission control equipment at the Facility, identify which emission unit(s) it serves, what exhaust point(s) in the emission unit(s) it handles, and provide a spreadsheet, in Microsoft Excel or compatible format, with the daily average value for each relevant operating parameter (e.g., for a thermal oxidizer, provide the daily average temperature) since January 1, 2013.
 8. Identify and describe, in a chronologically organized table, all capital expenditures greater than \$50,000 commenced at the emission units and process equipment at the paint shop from January 1, 2009 until the present. This list must contain the approximate date each project (including maintenance projects and modifications) commenced, the date each project was completed or implemented, a brief description of each project that identifies the work completed, the dollar amount approved, and the dollar amount expended. If General Motors or its predecessor(s) received a permit for the project, indicate the permit number.
 9. For each capital expenditure project identified in response to Question 9 that cost more than \$100,000, provide copies of all capital appropriation requests, financial justifications, and authorizations, including attachments and addenda, generated by or prepared on behalf of General Motors or its predecessor(s) concerning that project. If the native file containing the capital appropriation requests is a Microsoft Excel or compatible format, provide the file in Microsoft Excel or compatible format.
 10. From January 1, 2009 to the present, provide copies of the full test reports for all complete or partial air emissions testing for volatile organic compounds (VOC). Emission testing includes, but is not limited to, compliance testing, engineering testing, and testing for general information.
 11. Provide copies of all transfer efficiency testing, destruction efficiency testing and capture efficiency testing conducted at the Facility from January 1, 2009 to the present.
 12. Provide a copy of all studies, evaluations, assessments, reports, and documents, including any correspondence, dated between January 1, 2009 and the date of this request, related to any of the following topics: extending the life of equipment at the Facility; increasing production capacity; recovering lost production capacity; or upgrading equipment or

components.

13. Since January 1, 2005 through the present, and for any planned future production, provide a timeline that shows the dates of production for all vehicle models, including all design variations for each model year (e.g. different platforms and/or body styles), at the Facility. Additionally, include the dimensions (e.g. length, width, height, and paintable surface area) of the vehicle body of each model, model year platform, and body style produced, or planning to be produced, and any changes between platforms, from January 1, 2005 through the present.
14. Provide a narrative, along with a timeline, that describes any physical changes that the Facility has made at the paint shop since January 1, 2009 such that it could produce a new model year platform, increase the Facility's net hourly production rate or hourly production rate at an emission unit, and/or maintain the Facility's net hourly production rate or hourly production rate at an emissions unit.
15. For each month from January 1, 2013 to the present, provide the emission rates calculated by the Facility to determine compliance with all limits set forth in 40 C.F.R. § 63.3091. For January 2016, provide the calculations and supporting documentation demonstrating how each emission rate was determined.
16. Provide copies of any volatile organic compound emission netting analyses and/or netting determinations completed since January 1, 2009 which affect the Facility.
17. Provide copies of any written correspondence, determinations, documents, communications, phone summaries, etc. with IDEM or U.S. EPA, from January 1, 2009 to the present, concerning the applicability of Prevention of Significant Deterioration (PSD), major non-attainment New Source Review (NSR) rules, New Source Performance Standards, and/or National Emission Standards for Hazardous Air Pollutants to any Emission Units at the Facility.
18. Provide a list of all air enforcement actions related to the facility taken by any state or local regulatory agency, or air related citizen complaints, from January 1, 2013 to the present. Include copies of any air-related administrative or judicial complaints; any notices of violation or notices of non-compliance; any documents resolving any alleged violations, such as consent decrees or consent orders; and any orders, such as administrative orders.
19. To the extent not provided before, provide copies of any correspondence, from January 1, 2009 through the present, between the state, local, or federal permitting authority regarding the installation or modification of any emissions unit or the emission limits for any emissions unit at the current paint shop, and/or any VOC emission units at the rest of the facility, including, but not limited to, applicability determinations, regulatory interpretations, and approval orders.

Appendix C

Confidential Business and Personal Privacy Information

Assertion Requirements

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

Determining Whether the Information Is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

Personal Privacy Information

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

CERTIFICATE OF MAILING

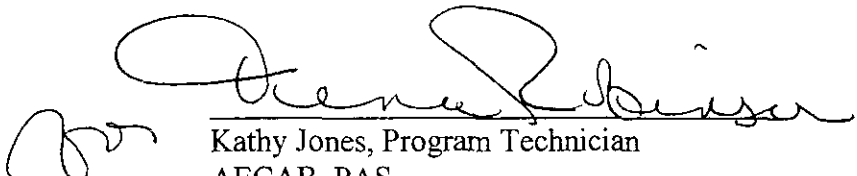
I certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

Matthew Arbuckle
General Motors
12200 Lafayette Center Road
Roanoke, Indiana 36783

I also certify that I sent a copy of the Request to Provide Information Pursuant to the Clean Air Act by E-mail to:

Phil Perry
Chief, Air Compliance Branch
Indiana Department of Environmental Management
PPERRY@idem.IN.gov

On the 27th day of December 2017.


Kathy Jones, Program Technician
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 70091680000076606851